

Communications in reference to this Comet have been received from C. B. Chalmers, Esq., and Lieutenant Chimmo. Mr. Chalmers (Shanty Bay, County of Simcoe, Canada West), with his 5-foot equatorially-mounted telescope by G. Dollond, saw the Comet, August 11, about 10 P.M., in the constellation *Camelopardus*; approximate Declination $+80^{\circ}51'$, Comet moving north at the rate of about 50' in twenty-four hours; there was no tail, but a rather extensive coma; the nucleus bore a faint illumination of the wires.

Lieut. Chimmo (Canna Island, Hebrides, lat 57° N., long. $6^{\circ}30'$ W.) observed the Comet on the night of Sept. 1, about 9^h51^m G.M.T. He observed the distances of the Comet from

Ursa Major α	$67^{\circ}5'30''$
Ditto η	$39^{\circ}58'30''$
Arcturus	$73^{\circ}39'30''$
α Lyræ	$41^{\circ}22'30''$

from which the position is laid down on a drawing which accompanied his letter. The altitude was $25^{\circ}48'30''$.

The Moon had just set, and the Comet's position was made under the disadvantage of a bright Aurora, which was coruscating towards the zenith, from an arch of about 14° elevation, from N.N.W. to N.N.E. (mag.)

The tail of the Comet was inclined to the E.S.E. (mag.), and measured (with unassisted vision) half a degree nearly, or about equal to fifty millions of miles.

The nucleus was well defined, and equal to a star of the third or fourth magnitude, surrounded by considerable nebulosity of an irregular oval, perhaps paraboloidal. The jet apparently waved to and fro: this is however doubtful, and it may be an illusion, caused probably by the shooting coruscations of the Aurora.

The most attractive feature of the Comet was the well-defined limb of the south or underneath portion of the tail.

The instruments used were a common 3-foot telescope of 1.6 field, and a sextant, being all that the observer had; but there was the assistance of a pure and transparent atmosphere.

Hansen's Tables de la Lune.

A list, containing all the Errata discovered in the above Tables at the *Nautical Almanac* Office, and otherwise known at the Royal Observatory up to the date of March 10, 1862, has lately been issued in the form of a *Nautical Almanac*

Circular, and distributed from the Royal Observatory. All possessors of the Tables who have not received a copy of this list may obtain it on application to the Royal Observatory, Greenwich, or to the sources from whence they received the Tables.

Death of Capt. Jacob.

The Council have great sorrow in notifying to the Fellows of the Society the decease of Capt. Jacob, within a few days after his arrival in India, and that the important expedition on which he had set out is thereby brought to a most unexpected and unfortunate close. As the next Annual Report will contain fuller particulars of his life and labours, and in particular of this the closing event, the Council now confine themselves to stating that Capt. Jacob sailed from England in the Hertfordshire, by way of the Cape, on the 20th of April last; and after enjoying good health on the voyage, landed at Bombay on the 8th of August, with a slight cold, which appears from the accounts received to have been increased during the exertions of superintending the landing of his family and instruments. He proceeded, however, within two or three days to his destination, Poonah, where medical aid was called in, in consequence of an abscess in the throat and an attack of inflammation of the liver which had supervened. Leeches were very freely applied; and it is fruitless now to remark further than that, on the 16th, this admirable observer and excellent man was no more.

Another severe loss has been incurred by the decease of an Associate of the Society, the veteran Astronomer Carlini, who died in his 77th year, after a short but painful illness, on the 29th of August, 1862. An account of his life and scientific labours (carried on with unbroken activity for nearly sixty years) will be given in the ensuing Annual Report.

Mr. Dawes calls attention to some typographical errors in his paper, "Saturnian Phenomena," as printed in the last number of the *Monthly Notices*, viz., page 297, line 16 from the bottom, the word "*side*" should be in Roman letters, and page 298, line 7, the word "ring" should be in Italics; and line 38, the word "damp" should be "dense," the conjecture referred to being *the existence of a pretty dense atmosphere on the rings*.